BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 1300000.00

Name of Work: Estimate for Providing and instaling new motor pump and other acassary to existing borewell in ward no. 05 in Byatarayanapura sub division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15 HP 30 Stage XXXXII, SL NO. 33 PWD SR 16-17)	No							
	15 HP 30 Stage		5				**5**	70600.00	**353000.00**
2	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008	Rmtr							
			1	800.00			**800.00**	375.00	**300000.00**
3	Heavy Duty Collar 50 mm dia	Nos	135				**135**	130.00	**17550.00**
4	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components	No.							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			5				**5**	14800.00	**74000.00**
5	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 49/ I No. 29-b(1) **4 Sqm mm of 56 strands 0.3mm dia Group - A KPWD Electrical SR 2010-11**	Mtr							
			1	1500.00			**1500.00**	185.00	**277500.00**
6	Supplying and laying of L.T.U.G Cable having aluminiumconductor PVC insulated shethed galvanised steel wire/ steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 sqmm cable (confirming to IS 1554) (P.NO - 553, I.NO - 10 (d), BWSSB SR 13-14)	Mtr							
	For Additional UG Cable		1	100.00			**100.00**	169.95	**16995.00**
	Basic Rate	165							
	3% area weightage	4.95							
	Total	169.95							
7	Supplying and fixing miniature circuit breakers/isolators in existing MCB distribution boards using necessary fixing materials and wiring complete as required, 40 to 63 Amps DP (P.NO - 526, I.NO - 13D (a), BWSSB SR 13-14)	No's							
			30	1.00			**30.00**	906.40	**27192.00**
	Basic Rate	880							
	3% area weightage	26.40							
	Total	906.40							
8	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... **P No. 32/I No 3b KPWD Electrical SR 2010-11**	No.							
	63 Amps		32	3.00			**96.00**		
							96.00	150.00	**14400.00**
9	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	Sqm							
			10	1100.00	20.00		**220000.00**	0.34	**74778.00**
	Basic Rate	0.33							
	3% area weightage	0.01							
	Total	**0.34**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
10	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) **50mm** nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6/13.3 **P. 97 / I.13.37 PWD SR - 2016-17**	Each							
			12				**12**	2175.12	**26101.00**
	Basic Rate	2052.00							
	Area Weightage @ 6%	123.12							
	Total	**2175.12**							
							Grand Total		**1181516.00**
11	Add 8% KRIDL Charges								**94521.00**
12	add 1% labour								**11815.00**
13	add 1% Third Party Inspection charges								**11815.00**
14	Miscellaneous and Unforeseen Charges	L/S							**333.00**
								Total	**1300000.00**
Rupees Thirteen Lakh(s) Only									

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR-2016-17 BWSSB Elecrical 2010-11, PRED 2012-13 & SE-RDED
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical Sanction
Accorded For .....
Head of A/C.....
CER NO :..... Dt:..

TA CE (YNK)

Administrative Approval
Accorded For 13.00 lakh Rs.
Head of A/C P3110
CER NO : 26 **Dt:** 05.06.17

TA CE (YNK)

TECHNICAL SANCTION
Accorded For Rs. Thirteen lakhs only
Head of A/c. P-3110
Div. Ref. No. 11/17-18 Date. 05/06/17
AE 05/06
EE(BTP)